

SUPER MULTI BLUE BLU-RAY DISC REWRITER & HD DVD-ROM DRIVE

GGW-H20L



SUPER MULTI BLUE

Blu-ray Disc™ & HD DVD™ are the next generation in optical storage, offering 15GB to 30GB (HD DVD™) and 25GB to 50GB (Blu-ray Disc™) of storage capacity on a disc.

SERIAL ATA TECHNOLOGY

Serial ATA is a 1.5Gbps evolutionary replacement for the Parallel ATA physical storage interface used to connect storage devices, such as hard disks, DVD and CD rewriters to the PC motherboard. Serial ATA is scalable, enables design of smaller PCs, and will allow future enhancements to the computing platform.

LIGHTSCRIBE

Create silkscreen-quality disc labels direct from your PC with LightScribe. LightScribe is a laser printing technology on the exclusive LightScribe disc. It provides a complete, convenient, cost-effective system for labeling discs. Simply "burn" the data to a LightScribe disc, flip the disc over, place it back in the drive, and "burn" the label.



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GENERAL

Host Interface	ATAPI/Serial ATA
Disc Diameter	12cm/8cm ¹
Mounting Direction	Horizontal/Vertical

SUPPORTED DISCS

BD-ROM (SL/DL)	•
BD-RE (SL/DL) ³	•
BD-R (SL/DL)	•
HD-DVD-ROM (SL/DL/TWIN)	•
DVD-ROM (SL/DL)	•
DVD-R (SL/DL)	•
DVD-RW	•
DVD+R (SL/DL)	•
DVD+RW	•
CD-ROM	•
CD-ROM XA-Ready	•
CD-I	•
Photo-CD (Single & Multi-Session)	•
Video-CD	•
CD-Audio Disc	•
Mixed Mode CD-ROM (Data and Audio)	•
CD-Extra	•
CD-Text	•
CD-R	•
CD-RW	•

WRITE SPEED

DVD+R	16x Max
DVD+R (DL)	4x Max
DVD+RW	8x Max
DVD-R	16x Max
DVD-R (DL)	4x Max
DVD-RW	6x Max
CD-R	40x Max
CD-RW	24x Max
BD-R	6x Max
BD-R (DL)	4x Max
BD-RE	2x Max
BD-RE (DL)	2x Max

READ SPEED

DVD+R	12x Max
DVD+R (DL)	8x Max
DVD+RW	10x Max
DVD-R	12x Max
DVD-R (DL)	8x Max
DVD-RW	10x Max
DVD-ROM	16x Max
CD-ROM	40x Max
CD-R	40x Max
CD-RW	40x Max
BD-R	6x Max
BD-R (DL)	4.8x Max
BD-RE	2x Max
BD-RE (DL)	2x Max
BD-ROM	6x Max
BD-ROM (DL)	4.8x Max
HD DVD-ROM	3x Max
HD DVD-ROM (DL)	3x Max

SUSTAINED DATA TRANSFER RATE

BD-ROM	215.79 Mbits/s (6x max.)
HD DVD-ROM	109.65 Mbits/s (3x max.)
DVD-ROM	22.16 Mbytes/s (16x max.)
CD-ROM	6,000 Kbytes/s (40x max.)

AVERAGE ACCESS TIME

CD-ROM	150 msec (Typical)
DVD-ROM	160 msec (Typical)
HD DVD-ROM	210 msec (Typical)
BD-ROM	180 msec (Typical)

BUFFER CAPACITY

DVD/BD/HD	4 Mbytes
CD	4 Mbytes

INCLUDED SOFTWARE

Cyberlink's PowerDVD™ supports BD/HD DVD/DVD/CD movie playback, and PowerProducer™ allows consumers to create high-definition videos on a Blu-ray Disc™.

SYSTEM REQUIREMENTS

CPU	Intel Pentium® D 3.2GHz or Equivalent
OS	Windows® Vista™ (x86, x64) Windows® XP (Home/Professional/Media Center) with SP2
RAM	1GB or more
HDD	30GB or more of available space 60GB for Blu-ray Disc™ Authoring
Interface	Serial ATA

SUPPLIED ACCESSORIES

Serial ATA Cable (Power/Data)	1
Mounting Screws	4
Quick Set-up Guide	1

SPECIFICATIONS

Face Plate Color	Black
Dimensions (W x H x D)	5.75" x 1.63" x 7.27"
Weight	1.92 lbs.
UPC	048231299213
Limited Warranty	1 Year Parts/Labor

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